



PolyPro 3000D

Direct thermal top coated synthetic label with all-temperature permanent acrylic adhesive

The Zebra PolyPro 3000D is a direct thermal, white matte polypropylene label designed for versatility and reliability. It features a high-performance, all-temperature permanent acrylic adhesive that ensures a strong bond even in demanding conditions. This label excels in low-temperature environments and applications where moisture resistance is critical, making it an ideal solution for cold storage and packaging labeling on surfaces such as corrugate, plastic, and metal. With a service temperature range from -65° F to 200°F (-54°C to 93°C) and made with no phenols added, the PolyPro 3000D offers a dependable and safe labeling solution for a wide array of indoor applications.



No Phenols Added

Many thermal supplies use phenols as developers. As these are chemicals that some consider potentially harmful to health, Zebra offers an alternative. The Zebra PolyPro 3000D material is a labeling solution made with no phenols added, which still delivers the high-performance results you have come to expect from Zebra Certified Supplies.

Customization Available

Zebra can deliver PolyPro 3000D labels in just about any size, shape or label set configuration to meet the requirements of your application and process. In addition, our flexographic print presses can add pre-printed text, graphics and color.

Count on Consistently Exceptional Performance with Zebra Certified Supplies

Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, produce and rigorously pre-test our own line of thermal printing supplies to ensure consistent, optimized performance. We utilize an ISO 9001 certified, 23-point quality inspection to ensure consistent quality — and we never swap out materials. No matter when you order your labels, you can count on the same great performance.

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For more information, please visit www.zebra.com/supplies

Specifications

Material construction	
RM Number	10040774RM
Facestock	Top coated matte polypropylene; 2.8 mils
Adhesive	All-temperature permanent acrylic adhesive; 0.7 mils
Liner	40# White Kraft FSC liner; 2.4 mils
Total thickness +/- 10%	5.9 mil ± 10
Environment	Indoor use
Temperature Performance	
Minimum Application Temperature ¹	-20° F / -29°C
Service Temperature Range ²	-65° F to 200° F / -54°C to 93°C
Recommended Printers and Settings	
Printers	Direct Thermal (no ribbon required); use Zebra desktop, mid-range and high-performance printers for optimal performance
Ribbons	No ribbon required
Adhesive Strength	
Corrugate	5 minute dwell time: 15.6 oz/in. 24 hour dwell time: 16.4 oz/in.
Steel	5 minute dwell time: 28.7 oz/in. 24 hour dwell time: 31.5 oz/in.
Polycarbonate	5 minute dwell time: 21.0 oz/in. 24 hour dwell time: 22.8 oz/in.
Polyethylene	5 minute dwell time: 28.7 oz/in. 24 hour dwell time: 25.6 oz/in.
Chemical Resistance	
Weak chemicals	
Blood	Test in your application
Body Fluid	Test in your application
Salt Water	Test in your application
Water	Test in your application
Window Cleaner	Test in your application

Moderate chemicals	
Alcohol	Not Recommended
Ammonia	Not Recommended
Bleach	Not Recommended
IPA	Not Recommended
Harsh chemicals	
Gasoline	Not Recommended
Grease	Not Recommended
Oil	Not Recommended
Extreme Chemicals	
Acetone	Not Recommended
IR Reflow	Not Recommended
MEK	Not Recommended
TCE	Not Recommended
Xylene	Not Recommended
Regulatory and compliance	
No phenols added. FDA 175.105 for indirect contact with dry foodstuffs, or alternatively separated by a functional barrier.	
Product Performance and Sustainability	
Recommended Storage Conditions	1 year duration when stored at 72° F (20° C) at 50% RH
Expected Life Span in Application	Indoor use, for 1 year+
Footnotes	
1. When the label is applied, the environment and surface should be above this temperature. 2. Following correct application and appropriate dwell time (usually 24 hrs) the media will withstand this temperature range. 3. Following correct application and appropriate dwell time (usually 24 hrs) we expect, but do not warrant, a life span as indicated.	

*Specifications are subject to change without notice.

Markets and Applications

- Cold storage labeling
- Package Labeling, including corrugate, plastic, and metal